SBR 141/29-3-2014

Bill No 2 Stage

BR 696/29-3-14

ASNO: 260/13-14 dt 30.10.2013
TSNO: 214/13-14 dt 30.10.2013
Tender Code: 014-14-000004
Draw No 1876

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 164354

Serial No.....

Name of work Construction of R.C.C deck in 24th Cross Vishveshwarayya layout, Munekhwara Nagara & Soundarya layout

Name of Contractor of nature of Agency M/s Nagalogistics WO No. 14

Date of commencement of work 08/BBMP/WO/13-14 dt 19.12.2013

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1	Earth work Excavation for foundation of Manhole, water supply, Sewerage, Gas and Electrical Conduits Earth in pits or trench 1.50m max depth above mean ground level not exceeding 1.50m in depth including dressing the bottom and sides of pits and trench, Stacking the Excavated soil and removal of Excavated materials and debris after completion of work as per Specifications Quantity present revised vide pro 164323 of this MB.			223.66/Gy		79.20	185051
2	Providing and laying M 20 grade Plain cement Concrete in work M 20 Ratio 1:1.5:3 (1 cement 1.5 Kgs Metal 3 Kgs Coarse sand) cube test 99.81 Cum as per Engg sheet						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	0.85 cum and Above average 0.30 cum weighted mean of Concrete cast in layers not exceeding 150 mm thick with Compaction by mechanical means including all materials labour etc complete as per Specifications Quantities measured vide PWD 16437 Page MB			0.4108 m³		9.904	40590
3	Providing and Casting Smooth / Sand Face mortar in Basement Cement mortar 1:6 Ratio of Sand Cement mixed in Gauging Machine and then taken out and transported to Location of work including all materials labour charges complete as per Specifications						
	Second layer at DWB	2	11.50	0.60	0.45	5.94	
	Main	2	11.50	0.45	0.45	4.45	
	Second layer at 12th Cy	2	8.00	0.60	0.45	4.32	
		2	8.00	0.45	0.45	3.24	
	Machine room wall at 6th	1	6.50	0.60	0.45	3.24	
	CM	2	6.50	0.45	0.45	2.43	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 164365

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	[illegible]	2	7.50	0.60	0.45	3.78	
	[illegible]	2	7.50	0.45	0.40	2.83	
						30.235	121/704
		Kerb stone 29.20 Rmt @ 4100 Rs/-					
4	Providing and laying in position Plain Cement Concrete 1:2:4 (1 part cement 2 parts coarse sand and 4 parts graded stone aggregate 40 mm nominal size) in foundation and plinth including curing complete as per specifications	1	8.50	2.50	0.35	5.60	
	Deduct [illegible]	2	8.50	0.50	0.20	2.56	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	[illegible]	1	11.00	[illegible]	0.35	6.60	7.70
		5	11.00	0.80	0.20	3.52	
	[illegible]	4	6.00	2.50	0.35	4.20	
		2	6.00	0.80	0.20	1.92	
	[illegible]	2	7.00	2.50	0.35	4.90	
		2	7.00	0.80	0.20	2.24	15.178
				@ 4650-20%		29.58	32.648
5	Providing and laying [illegible] in cement mortar 1:3 (1 cement : 3 coarse sand) in floor, [illegible]						
		2	8.00	0.60	—	14.40	
		2	11.00	0.90	—	19.80	
		2	6.00	0.90	—	10.80	
		2	7.00	0.80	—	12.60	
				[illegible] 33.00 sqm		57.60	25881
				@ 78.94/sqm			

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 164366

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6	Measd TMT steel reinforcement for RCC work using Straight cranked bending machine & bending as per drg welding where required type cutting bending wire as on clearing site and use of water where ever necessary Cycle beds oiler electrical Cost of labour cutter Hire of machinery Agent Quantity present recorded Work done 167374 & 167375 as per drgs					20.10 Qty	140000/-
						Total Qty	
7	Measd as being Quantity Steel & Steel Property Shuttering for Columns Piller Grs Obstruct for RCC						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Study Female/Male toilets Ground floor	Internal	Centre line	Wall thickness	Labour	Equation	
		1	8.00	—	1.50	8.00	
		1	11.50	—	1.50	16.50	
		1	6.00	—	1.50	6.00	
		1	7.00	—	1.50	7.00	8513/-
				@ 230 c/m		32.50	
8	Abstract of above Earth work excavation in ordinary soil	Total	Ground floor	Deduct for	Add for	all in	
			Lower			79.20	6194/-
	Cement Rate			@ 78.2 /cy			
						Total	489936/-

Chd 9.ffe. 29/3.

(1) Work done by Contractor to Satisfaction

(2) Item are no dispute Rate was added to Cash

(3) Contractor has cleared all debris from the site

Executive Engineer

29/3/2014.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಾರ್ಯಾಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಚಾಮರಾಜಪೇಟೆ, ಬೆಂಗಳೂರು - 560 073.

M.A.R. 57 (Rule 116)

Measurement Book

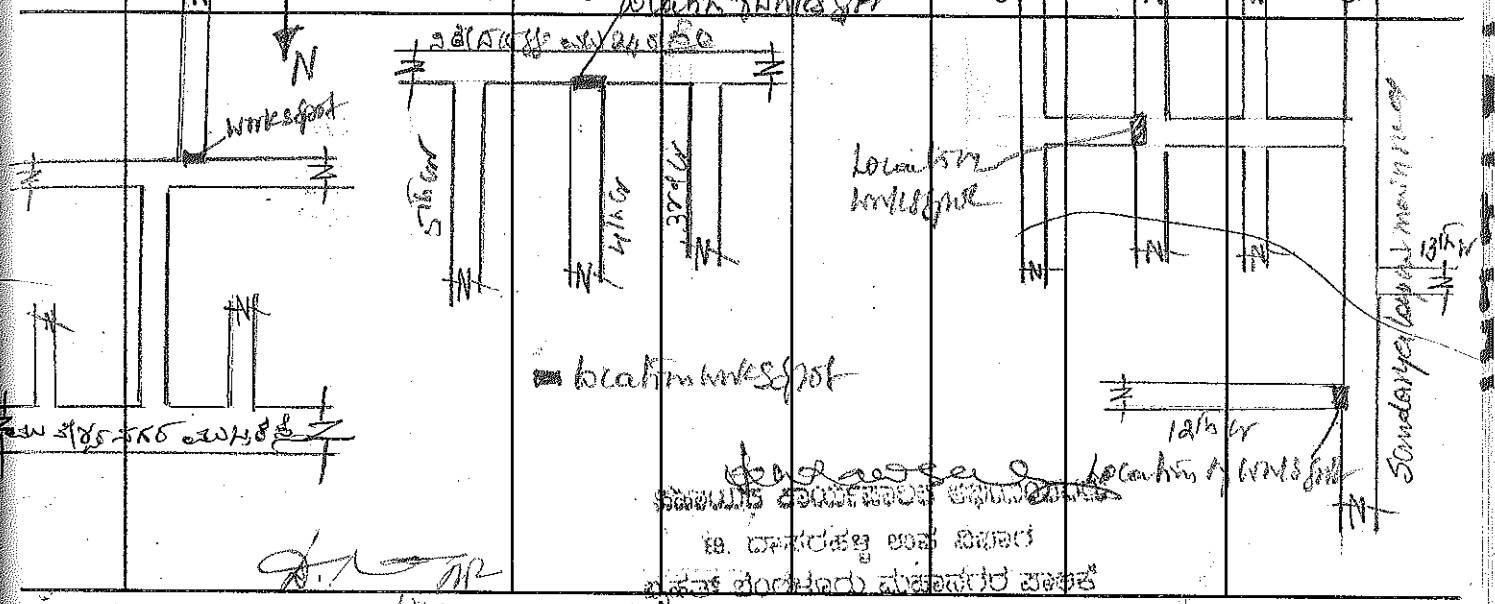
Serial No.....

Name of work.....35992=00.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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